



1

Put the parenthesis to the following equalities to make them correct.

- a) $6 + 2 \times 5 = 40$
- b) $3 \times 4 + 2 = 18$
- c) $3 + 4 \times 2 + 4 = 42$
- d) $4 + 3 + 2 \times 2 = 18$

2

Find the numbers. Write an equation for each question. Check your answers.

a) What number should be increased by 128 to get 800?

b) What number should be decreased by 128 to get 800?

c) By how much the number 928 should be decreased to get 800?

By how much the number 672 should be increased to get 800?

3

Calculate:

$548 + 0 =$

$0 + 491 =$

$864 - 0 =$

$346 - 346 =$

$0 + 0 =$

$0 - 0 =$

$111 \times 0 =$

$2 \times 0 =$

$0 \times 39 =$

$20 \times 1 - 0 =$

$15 \times 3 + 0 =$

$200 \times 2 - 1 \times 10 =$

4

Open parentheses and try to calculate. *HINT: if you do everything correctly, the answer will be just one letter!*

$$(a + b + c) - (c - d - e - f - g) - (a + b) - (e + d + f + g) + a =$$



Report the time you spent: _____ minutes

5

Explain step by step how you cross the road (create a **branching algorithm**). Be prepared to explain your algorithm to the class:

a) Roads with a signalized crossing (signs “Walk” and “Don’t walk”)



1.

4.

2.

5.

3.

6.

More steps if needed: _____

b) Roads with marked crossing but without signals



1.

4.

2.

5.

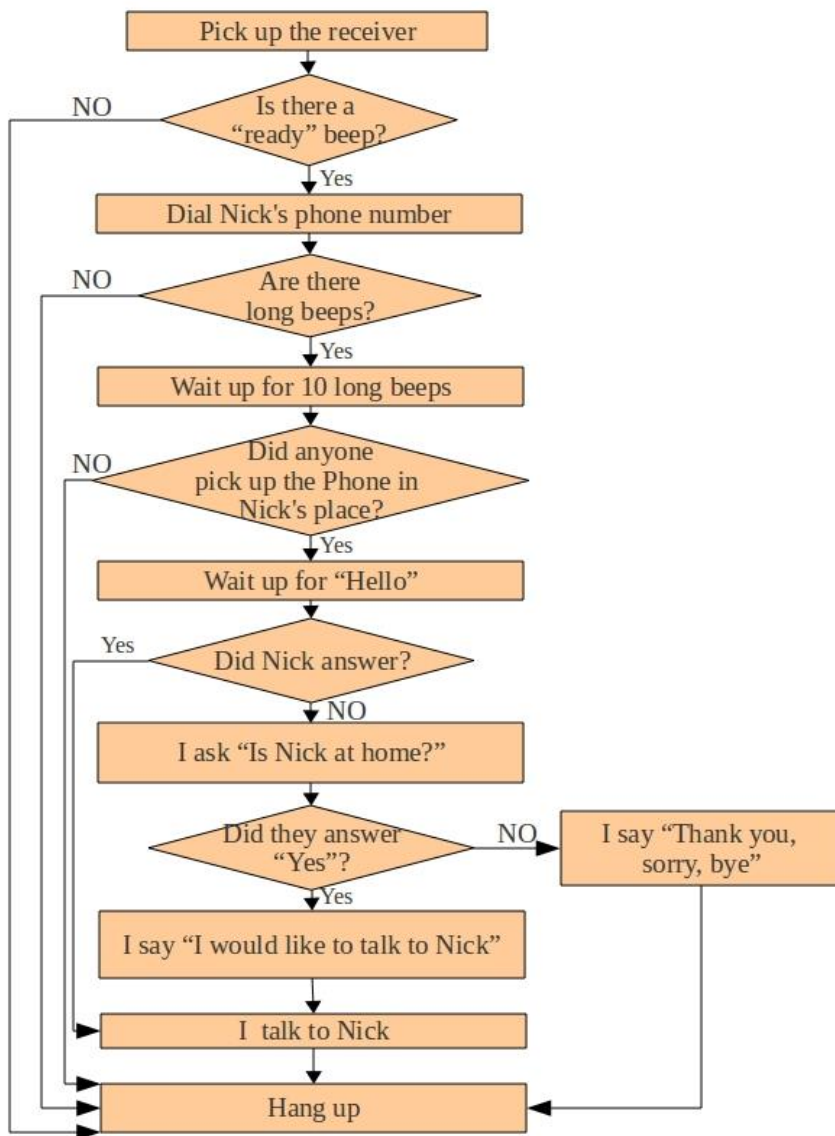
3.

6.

More steps if needed: _____

6

Alex wants to call Nick on the phone. He wrote an algorithm with the sequence of operation to follow while making a call. Look at the sequence of operations in the program he wrote and check whether it is correct or not.



7

Solve the problems:

a) There are four cartons of eggs and each carton has 6 eggs. Two out of all of the eggs are bad. How many good eggs are there altogether?

$$\underline{\quad} \times \underline{\quad} - \underline{\quad} = \underline{\quad}$$

b) The family ordered 5 fruit baskets. Each basket contains 4 apples. They also had two apples in the fridge. How many apples do they have after receiving the baskets?

$$\underline{\quad} \times \underline{\quad} + \underline{\quad} = \underline{\quad}$$

Solve each equation, check your answers.

$$x - 524 = 97$$

[illegible]

×	1	2	3	4	5	6	7	8	9
1	1	2	3	4	5	6	7	8	9
2	2	4	6	8	10	12	14	16	18
3	3	6	9	12	15	18	21	24	27
4	4	8	12	16	20	24	28	32	36
5	5	10	15	20	25	30	35	40	45
6	6	12	18	24	30	36	42	48	54
7	7	14	21	28	35	42	49	56	63
8	8	16	24	32	40	48	56	64	72
9	9	18	27	36	45	54	63	72	81